

LIST OF CURRENT CLAIMS

1. (Currently Amended) A method for operating a data carrier equipped with a communication device, a memory device and a program execution unit for executing function programs contained in the memory device, comprising the steps:

installing a function program in the memory device of the data carrier for realizing a loader interface which in turn makes it possible to reload function programs each realizing a load application,

providing a free memory space available for the loader interface in the memory device,

reloading at least one load application via the communication device into the memory device, said reloading being controlled by the loader interface, and the load application being allotted a part of the free memory space as an assigned address space;

wherein the loader interface cannot access an assigned address space after a load application is assigned to the assigned address space, and the load application is given full access to the assigned address space; and

wherein the load application is configured to load at least one application program into said assigned address space.

2. (Previously Presented) The method according to claim 1, comprising the following further step:

reloading at least one application program via the communication device by the program execution unit under the control of the load application into the assigned address space allotted thereto.

3. (Previously Presented) The method according to claim 1, wherein the loader interface provides control over an assigned address space allotted to a load application to the load application.

4. (Currently Amended) A data carrier comprising  
a memory device for receiving function and application programs,  
a program execution unit for executing function programs contained in the memory device,  
a communication device,  
a loader interface comprising a function program for loading at least one load application, which permits the reloading of a further application program, into the memory device via the communication device,  
the loader interface having associated therewith in the memory device a free memory space for receiving at least one load application;  
wherein the loader interface cannot access an assigned address space after a load application is assigned to the assigned address space, and the load application is given full access to the assigned address space.

5. (Previously Presented) The data carrier according to claim 4, including a load application received in the memory device that controls a part of the free memory space associated with the loader interface, independently of the loader interface.

6. (Previously Presented) The data carrier according to claim 4, wherein the load applications are designed to link application programs to be reloaded with application and function programs already present on the data carrier, during loading.

7. (Previously Presented) The data carrier according to claim 6, wherein a load application comprises limitations which prohibit the linking of an application program to be newly loaded with one already present.

8. (Currently Amended) A method for operating a data carrier having a memory device for receiving function and application programs, a program execution unit for executing function and application programs contained in the memory device, and a communication device, comprising the steps:

equipping the data carrier with a function program comprising a loader interface for reloading application programs into the memory device,

equipping the data carrier with a management device for assigning address spaces in the memory device to reloaded application programs,

providing the application program to be reloaded with badges containing information about the size of the memory space required for the application program,

evaluating the badge during reloading of an application program, and

assigning to the application program an address space in the memory device coordinated with the determined size information;

wherein the loader interface cannot access an assigned address space after a load application is assigned to the assigned address space, and the load application is given full access to the assigned address space.

9. (Previously Presented) The method according to claim 8, wherein the badge furthermore contains information designating the application program.

10. (Previously Presented) The method according to claim 8, wherein the badge furthermore contains a signature for providing the authenticity of the application program.

11. (Previously Presented) The method according to claim 8, wherein the badges are issued by the issuer of the data carrier.

12. (Currently Amended) A data carrier comprising a memory device for receiving function and application programs, a program execution unit for executing function programs contained in the memory device, a communication device, and a loader interface comprising a function program, for reloading at least one application program into the memory device via the communication device, the loader interface having means for checking a badge of an application program to be loaded, and assigning memory space in the memory device to an application program to be loaded in accordance with size information contained on the badge;

wherein the loader interface cannot access an assigned address space after a load application is assigned to the assigned address space, and the load application is given full access to the assigned address space.